



PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

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Applicant's or agent's file reference SSK0201-PCT	FOR FURTHER ACT	LION	See Form PCT/IPEA/416						
International application No.	International filing date	(day/month/year)	Priority date (day/month/year)						
PCT/JP2003/011846	17 September 200	3 (17.09.2003)	18 September 2002 (18.09.2002)						
International Patent Classification (IPC) or n B01J 13/06, A61K 9/50, 47/36,	ational classification and 47/38, 47/42, 7/00, 35/	IPC 12, 48/00							
Applicant	NАКАЛІМА ,	Mitsutoshi							
This report is the international prelin Authority under Article 35 and trans	minary examination repor smitted to the applicant ac	rt, established by this ecording to Article 3	s International Preliminary Examining 6.						
	2. This REPORT consists of a total of 5 sheets, including this cover sheet.								
3. This report is also accompanied by A									
a. (sent to the applicant and	l to the International Bure	eau) a total of <u>3</u>	sheets, as follows:						
and/or sheets con Administrative In	ntaining rectifications authors rections).	horized by this Auth	oeen amended and are the basis of this report ority (see Rule 70.16 and Section 607 of the						
sheets which sup beyond the discle Supplemental Bo	osure in the international	which this Authorit application as filed,	y considers contain an amendment that goes as indicated in item 4 of Box No. I and the						
	ndicated in the Suppleme	ing a sequence listi	ype and number of electronic carrier(s)) ng and/or tables related thereto, in computer to Sequence Listing (see Section 802 of the						
4. This report contains indications rela	ating to the following iten	ns:							
Box No. I Basis of the r	eport								
Box No. II Priority									
Box No. III Non-establish	nment of opinion with reg	gard to novelty, inver	ntive step and industrial applicability						
Box No. IV Lack of unity	of invention								
	tement under Article 35(2 explanations supporting s		velty, inventive step or industrial applicability;						
Box No. VI Certain docum	•								
Box No. VII Certain defec	cts in the international app	olication							
Box No. VIII Certain obser	rvations on the internation	nal application							
Date of submission of the demand		Date of completion	of this report						
09 April 2004 (09.04.	.2004)	25	October 2004 (25.10.2004)						
Name and mailing address of the IPEA/JP		Authorized officer							
Facsimile No.		Telephone No.	·						

Translation

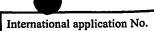
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International application No.

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x No. I	Basis of the report		
otherwise	e indicated under this item.	s based on the international application in the langua	
TI W	his report is based on translation hich is language of a translation	ns from the original language into the following la furnished for the purpose of:	nguage,
Γ	international search (under I		
F	publication of the internation	nal application (under Rule 12.4)	
Ī	international preliminary ex	amination (under Rules 55.2 and/or 55.3)	
furnished and are	gard to the elements of the in d to the receiving Office in resp not annexed to this report): he international application as or	sternational application, this report is based on (resource to an invitation under Article 14 are referred to be significantly filed/furnished	placement sheets which have been to in this report as "originally filed"
	e description:		
¥	ages	1-10	, as originally filed/furnished
-	ages*	received by this Authority on	
_	ages*	received by this Authority on	
	ne claims:		
			, as originally filed/furnished
•	ages*	, as amended (toget	her with any statement) under Article
	pages* 9-18	received by this Authority on	12 July 2004 (12.07.2004)
_	pages*	received by this Authority on	
كسكا	he drawings:	1-8	, as originally filed/furnishe
-	pages	received by this Authority on	
	pages* pages*	received by this Authority on	
		ated table(s) – see Supplemental Box Relating to Seq	uence Listing.
~		d constitution of	
	The amendments have resulted i	n the cancellation of:	
	the description, pages		
	the claims, Nos.	1-8	
	the drawings, sheets/figs		
		ify):	
	-	uence listing (specify):	
4. 🔲	made, since they have been considered (Rule 70.2(c)). the description, pages	d as if (some of) the amendments annexed to this ronsidered to go beyond the disclosure as filed, as	eport and listed below had not been indicated in the Supplemental Box
	the drawings, sheets/figs		
	the drawings, sheets/figs the sequence listing (spec	cify):quence listing (specify):	



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Box No. II	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
The questi	ions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially have not been examined in respect of:
	the entire international application.
\boxtimes	claims Nos 9-11, 13-18
because	the said international application, or the said claims Nos
The does not a 67.1(iv).	e subject matter of claim 18 relates to a method for treatment of the human body by therapy, which require an international preliminary examination in accordance with PCT Article 34 (4)(a)(i) and Rule
	the description, claims or drawings (indicate particular elements below) or said claims Nosare so unclear that no meaningful opinion could be formed (specify):
	the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed.
\boxtimes	no international search report has been established for said claims Nos. 9-11, 13-18
	the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:
	the written form has not been furnished
	does not comply with the standard the computer readable form has not been furnished does not comply with the standard
	the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.
	see Supplemental Box for further details.



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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applications and explanations supporting such statement						
1. Statement						
Novel	ty (N)	Claims	12	YES		
		Claims		NO		
Inven	tive step (IS)	Claims	12	YES		
		Claims		NO .		
Indust	trial applicability (IA)	Claims	12	YES		
		Claims		NO .		
2. Citations Documents	and explanations (Rule 70).7)				
the Society Document Iwamoto, N Conference Document Microcaps Nakajima), March, 200 Document Method," (Ronbunshu Document Explanation Claim 12 The in the ISR. Espe intermediat both sides o phase is fet to produce the dispers	of Chemical Engine 2: "Chitosan by Microbuhiro Hayada, She of Japan Society for 3: "Chitosan Using Nales," (Nobuhiro Hayabstracts of Confere 22 (05.03.02), Vol. 204: "Production of McTakahiro Kawakatsu (= Chemical Engine 5: EP, 301777, A1 (Consumption) and the position in a first profit a plate having throad into one side of the an emulsion, and (3) e phase is fed into the	ers, Japan ochannels inji Sugiu Food Englicrochan ada, Satos ence of Japan 202, page onodispers, Naoya Obering Papueen's Um 12 apper assage in ough holes partition a polyme e other side	suyasu and Mitsutoshi Nakajima), Abstracts of Autumn Confe, 18 August, 2002 (18.08.02), Vol. 35, page 828 s/Production of Carboxymethyl Cellulose Microcapsules," (Sara, Ken Tokuyasu and Mitsutoshi Nakajima), Abstracts of Angineering, 19 July, 2002 (19.07.02), Vol. 3, page 71 nel Emulsification Method/Production of Carboxymethyl Cellshi Iwamoto, Shinji Sugiura, Ken Tokuyasu and Mitsutoshi pan Society for Bioscience, Biotechnology and Agrochemistry 81 se Albumin Gel Microcapsules by Microchannel W/O Emulsifieda, Toshikuni Yonemoto and Mitsutoshi Nakajima), Kagakuers), 10 January, 2000 (10.01.00), Vol. 26, No. 1, pages 122-1 niversity at Kingston), 1 February, 1989 (01.02.89) ears to be novel, since it is not disclosed in any of the document discloses the constitution in which (1) a partition wall is instal a case in which the first passage and a second passage are formed, (2) a polymeric electrolyte solution destined to be a constitution will of the second passage through the through ric electrolyte or polyhydric ion solution reverse in electric che of the partition wall of the first passage and extruded into the ming microcapsules.	toshi nual lulose y, 5 fication Kogaku- 25 nts cited lled at an med on disperse n holes, larges to		



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Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

The claims 9-11 and 13-18 added by the amendment dated 12 July, 2004 are not sufficiently supported by the specification.

The applicant insists in the written reply to the effect that claim 9 is based on the description of the specification (page 9, lines 10-24). However, the specification (page 9, lines 10-24) merely describes a suggestion on an emulsion production method different from the emulsion production method using a plate having through holes formed, as can be seen in the description, "A method for forming an emulsion with the particles of a disperse phase made visible in a continuous phase ... can be considered. (Ellipsis) establishing a pool with a large capacity can be considered." No description for particularly explaining the said different method can be seen at other than page 9, lines 10-24 in the specification, and no example or drawing for the said different method is described.

Therefore, claim 9 is not sufficiently supported by the specification. This applies also to claims 10, 11 and 13-18 quoting claim 9.